



## SAFETY DATA SHEET

DATE: 27<sup>th</sup> February 2025

### 1. Identification

**Product Name:** Rifaximin

**CAS Number:** 80621-81-4

**Recommended use/Use advised against:** No information available

#### **Details of the Australian Supplier:**

Astral Scientific Pty Ltd  
29 Mangrove Lane  
Taren Point NSW 2229

**Company Phone Number:** 02 9540 2055

**Email Address:** [support@astralscientific.com.au](mailto:support@astralscientific.com.au)

**Emergency Telephone Number:** 13 11 26

### 2. Hazard(s) Identification

#### **Classification**

This chemical is considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200)

#### **Label Elements**

**Signal Word:** Warning

**Hazard Statements:** H332: Harmful if inhaled. H312: Harmful in contact with skin. H335: May cause respiratory irritation.



**Precautionary Statements:** P261: Avoid breathing {dust/fume/gas/mist/vapours/spray}. P280: Wear {protective gloves/protective clothing/eye protection/face protection}. P362+364: Take off contaminated clothing and wash it before reuse. P304+340: IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. P312: Call a {POISON CENTER/doctor/...} if you feel unwell. P302+352: IF ON SKIN: Wash with plenty of soap and water.

### **3.Composition / Information on ingredients**

Component	CAS #	Purity / Weight %
2,7-(Epoxy-pentadeca[1,11,13]trienimino)benzofuro[4,5-e]pyrido[1,2-a]benzimidazole-1,15(2H)-dione, 25-(acetyloxy)-5,6,21,23-tetra	80621-81-4	100.0 %

### **4.First-aid measures**

<b>General Advice</b>	If symptoms persist, call a physician.
<b>Eye Contact</b>	Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Get medical attention.
<b>Skin Contact</b>	Immediately wash skin with soap and plenty of water for at least 15 minutes. Remove contaminated clothing. Get medical attention if symptoms occur. Wash clothing before reuse.
<b>Inhalation</b>	Remove to fresh air. If not breathing, give artificial respiration. Get medical attention.
<b>Ingestion</b>	Wash out mouth with water provided person is conscious. Never give anything by mouth to an unconscious person. Get medical attention. Do NOT induce vomiting unless directed to do so by medical personnel.
<b>Most important symptoms/effects</b>	May cause allergy or breathing difficulties if inhaled. May cause allergic skin reaction. Symptoms of allergic reaction may include rash, itching, swelling, trouble breathing, tingling of the hands and feet, dizziness, lightheadedness, chest pain, muscle pain or flushing.
<b>Notes to physician</b>	Treat symptomatically

### **5.Fire-fighting measures**

<b>Suitable extinguishing media</b>	Alcohol-resistant foam, carbon dioxide, water, or dry chemical spray.
<b>Unsuitable extinguishing media</b>	A solid water stream may be inefficient
<b>Flash Point</b>	No information available
<b>Method</b>	No information available
<b>Autoignition temperature</b>	No information available

### **Explosion limits**

**Upper** No information available

**Lower** No information available

**Sensitivity to mechanical impact** No information available

**Sensitivity to static discharge** No information available

### **Specific hazards arising from the chemical**

No information available

### **Hazardous combustion products**

Carbon dioxide, Carbon monoxide, Nitrogen oxides

### **Protective equipment and precautions for firefighters**

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

## **6.Accidental release measure**

**Personal precautions** Use personal protective equipment as required. Ensure adequate ventilation. Avoid dust formation.

**Environmental precautions** Should not be released into the environment. See section 12 for additional Ecological Information.

**Methods for containment/clean-up** Contain spill and collect, as appropriate. Transfer to a chemical waste container for disposal in accordance with local regulations.

## **7.Handling and storage**

**Handling** Avoid breathing dust/fume/gas/mist/vapours/spray. Avoid prolonged or repeated exposure.

**Storage** Store below 25°C, Protect from moisture and light. Keep container tightly closed in a dry and well-ventilated place.

## **8.Exposure controls / personal protection**

### **Personal protective equipment**

**Eye/Face protection** Wear appropriate protective eyeglasses or chemical safety goggles as described by oSHA's eye and face protection regulations in 29 CFR 1910. 133 or European Standard EN166.

**Skin and body protection** Wear appropriate protective gloves and clothing to prevent skin exposure.

**Respiratory protection** Use a approved respirator if exposure limits are exceeded or if irritation or other symptoms are experienced.

**Hygiene measures** Handle in accordance with good industrial hygiene and safety practice.

### **9.Physical and chemical properties**

**Physical state** Solid

**Appearance** A crystalline solid

**Odor** No information available

**Odor threshold** No information available

**pH** No information available

**Melting point/range** No information available

**Boiling point/range** No information available

**Flash point** No information available

**Evaporation rate** No information available

**Flammability (solid, gas)** No information available

**Flammability or explosive elements**

**Upper** No information available

**Lower** No information available

**Vapor pressure** No information available

**Vapor density** No information available

**Specific gravity** No information available

**Solubility** No information available

**Partition coefficient; n-octanol/water** No information available

**Autoignition temperature** No information available

**Decomposition temperature** No information available

**Viscosity** No information available

### **10.Stability and reactivity**

**Reactive hazard** No information available

**Stability** Stable under normal conditions

**Conditions to avoid** No information available

**Incompatible materials** Strong oxidizing agents

**Hazardous decomposition products** Carbon monoxide (CO), Carbon dioxide (CO<sub>2</sub>), Nitrogen oxides (NO<sub>x</sub>)

**Hazardous polymerization** Hazardous polymerization does not occur

**Hazardous reactions** None under normal processing

### **11.Toxicological information**

#### **Acute Toxicity**

##### **Product information / Component information**

The toxicological effects of this product have not been thoroughly studied.

Oral LD50 (rat): >2 g/kg

**Toxicologically synergistic products** No information available

#### **Delayed and immediate effects as well as chronic effects from short and long-term exposure**

**Irritation** No information available

**Sensitization** No information available

**Carcinogenicity** The table below indicates whether each agency has listed any ingredient as a carcinogen.

Component	CAS No	IARC	NTP	ACGIH	OSHA	Mexico
2,7-(Epoxy-pentadeca[1,11,13]trienimino)benzofuro[4,5-e]pyrido[1,2-a]benzimidazole-1,15(2H)-dione, 25-(acetyloxy)-5,6,21,23-tetra	80621-81-4	n/a	n/a	n/a	n/a	n/a

**Mutagenic effects** No information available

**Reproductive effects** No information available

**Developmental effects** No information available

**Teratogenicity** No information available

**STOT – single exposure** None known

**STOT – repeated exposure** None known

**Aspiration hazard** No information available

**Symptoms/effects, both acute and delayed** Symptoms of allergic reaction may include rash, itching, swelling, trouble breathing, tingling of the hands and feet, dizziness, lightheadedness, chest pain, muscle pain or flushing

<b>Endocrine disruptor information</b>	No information available
<b>Other adverse effects</b>	The toxicological properties have not been fully investigated.

## **12. Ecological information**

### **Ecotoxicity**

Do not empty into drains or into the environment

<b>Persistence and degradability</b>	No information available
<b>Bioaccumulation/accumulation</b>	No information available
<b>Mobility</b>	No information available

## **13. Disposal considerations**

<b>Waste disposal methods</b>	Chemical waste generators must determine whether a discarded chemical is classified as a hazardous waste. Chemical waste generators must also consult local, regional and national hazardous waste regulations to ensure complete and accurate classification.
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## **14. Transport information**

<b>DOT</b>	Not regulated
<b>TDG</b>	Not regulated
<b>IATA</b>	Not regulated
<b>IMDG/IMO</b>	Not regulated

## **15. Regulatory information**

### **International Inventories**

**TSCA** Not listed

Note \*Contact supplier for details. One or more substances in this product are either not listed on the US TSCA inventory, listed on the confidential US TSCA inventory or are otherwise exempted from inventory listing requirements

**DSL/NDSL** Complies

**EINECS/ELINCS** Complies

**ENCS** This product complies with ENCS:

**IECSC** This product does not comply with china:

**KECL** Does not Comply

**PICCS** Does not Comply

**AICS** All the constituents of this material are listed on the Australian Inventory of Chemical Substances (AICS).

### **Legend:**

**TSCA** - United States Toxic Substances Control Act Section 8(b) Inventory

**DSL/NDSL** - Canadian Domestic Substances List/Non-Domestic Substances List

**EINECS/ELINCS** - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances

**ENCS** - Japan Existing and New Chemical Substances

**IECSC** - China Inventory of Existing Chemical Substances

**KECL** - Korean Existing and Evaluated Chemical Substances

**PICCS** - Philippines Inventory of Chemicals and Chemical Substances

#### **US Federal Regulations**

##### **SARA 313**

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372.

##### **SARA 311/312 Hazard Categories**

Should this product meet EPCRA 311/312 Tier reporting criteria at 40 CFR 370, refer to Section 2 of this SDS for appropriate classifications.

##### **CWA (Clean Water Act)**

This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42).

##### **CERCLA**

This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material.

#### **US State Regulations**

##### **California Proposition 65**

This product does not contain any Proposition 65 chemicals.

##### **U.S. State Right-to-Know Regulations**

This product does not contain any substances regulated under applicable state right-to-know regulations

##### **U.S. EPA Label Information**

**EPA Pesticide Registration Number** Not applicable

**Revision date** 27<sup>th</sup> February 2025

**Revision Note** No information available.

##### **Disclaimer**

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

**End of Safety Data Sheet**